

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) COMBINED WITH POWER OF ATTORNEY</b>  <input type="checkbox"/> Declaration Submitted With Initial Filing <b>OR</b> <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	CR00566P
	First Named Inventor	Mazet, et al.
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/533,557
	Filing Date	April 29, 2005
	Group Art Unit	N/A
	Examiner Name	N/A

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMMUNICATION UNIT AND METHOD OF CHANNEL ESTIMATION IN AN OFDM COMMUNICATION SYSTEM**

the specification of which:

☐ is attached hereto

**OR**

☒ was filed on: (MM/DD/YYYY) 04/29/2005 as United States Application Number or PCT International Application Number 10/533,557 and was amended on \_\_\_\_\_ (if applicable).  
(MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR 1.56, including continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
02292728.9	EPC	10-31-2002	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
PCT/EP/2003/050774	PCT	10-31-2003	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Serial No.:	
Provisional Application Filing Date:	

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

- ☒ no such application(s) filed  
☐ such application(s) identified as follows:

Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

I hereby appoint the attorney(s) or agent(s) associated with: **CUSTOMER NO. 22917** to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all correspondence to: **Customer Number 22917**

Attorney/Agent Name: Indira Saladi  
Telephone: 847.576.6735  
Facsimile: 847.576.0721

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment,

or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

☐ A petition has been filed for this unsigned inventor.

**Full Name of Sole or First Inventor:** Laurent Mazet

  
Inventor's Signature

28 April 2005  
Date

Residence: Paris City 75014 Postal Code FRANCE Country of Citizenship

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☐ A petition has been filed for this unsigned inventor.

**Full Name of Second-Joint Inventor:** Veronique Buzenac-Settineri

Inventor's Signature

Date

Residence: Massy City 91300 Postal Code FRANCE Country of Citizenship

14 allée des Jacinthea

Mailing Address

Massy City 91300 Postal Code FRANCE Country

☐ A petition has been filed for this unsigned inventor.

**Full Name of Third-Joint  
Inventor:**

Marc de Courville

Inventor's Signature

23 April 2003  
Date

Residence: Paris City State 75014 Postal Code FRANCE Country of Citizenship

10 impasse Reille

Mailing Address

Paris City State 75014 Postal Code FRANCE Country

☐ A petition has been filed for this unsigned inventor.

**Full Name of Fourth-Joint  
Inventor:**

Pierre Duhamel

Inventor's Signature

Date

Residence: Le Plessis Robinson City State 92350 Postal Code FRANCE Country of Citizenship

25 rue Coteau

Mailing Address

Le Plessis Robinson City State 92350 Postal Code FRANCE Country

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Provisional Application Serial No.:	
Provisional Application Filing Date:	

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☐ such application(s) identified as follows:

Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

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Address all correspondence to: **Customer Number 22917**

Attorney/Agent Name: Indira Saladi  
 Telephone: 847.576.6735  
 Facsimile: 847.576.0721

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☐ A petition has been filed for this unsigned inventor.

Full Name of Sole or First  
 Inventor:

Laurent Mazet

Inventor's Signature

Date

Residence: Paris City State 75014 Postal Code FRANCE Country of Citizenship

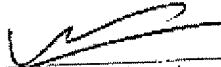
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☐ A petition has been filed for this unsigned inventor.

Full Name of Second-Joint Inventor: Veronique Buzenac-Settineri

 18 April 2006  
Inventor's Signature Date

Residence: Massy State 91300 FRANCE  
City Postal Code Country of Citizenship

14 allée des Jacinthea  
Mailing Address

Massy State 91300 FRANCE  
City Postal Code Country

☐ A petition has been filed for this unsigned inventor.

Full Name of Third-Joint Inventor: Marc de Courville

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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75014 FRANCE

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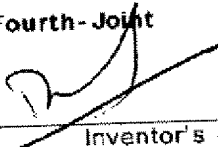


City	State	Postal Code	Country
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☐ A petition has been filed for this unsigned inventor.

Full Name of Fourth-Joint  
Inventor:

Pierre Duhamel



Inventor's Signature

04 May 2006

Date

Residence: Le Plessis Robinson 92350 FRANCE  
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